



SEQUENCE LISTING

<110> LI, Shyr-Jiann et al.

<120> ISOLATED MONKEY CATHEPSIN S PROTEINS,
NUCLEIC ACID MOLECULES ENCODING MONKEY CATHEPSIN S PROTEINS,
AND USES THEREOF

<130> CL001507

<140> 10/809,816

<141> 2004-03-26

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<212> DNA

<213> Cynomologous monkey

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Arg	Leu	Ile	Trp	Glu	Lys	Asn	Leu	Lys	Phe	Val	Met	Leu	His	Asn	Leu
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Val	Pro	Asn	Gln	Trp	Gln	Arg	Asn	Ile	Thr	Tyr	Lys	Ser	Asn	Pro	Asn
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Gln	Met	Leu	Pro	Asp	Ser	Val	Asp	Trp	Arg	Glu	Lys	Gly	Cys	Val	Thr
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Glu	Val	Lys	Tyr	Gln	Gly	Ser	Cys	Gly	Ala	Cys	Trp	Ala	Phe	Ser	Ala
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225					230					235					240
Val	Ala	Asn	Lys	Gly	Pro	Val	Cys	Val	Gly	Val	Asp	Ala	Ser	His	Pro
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			260					265					270		
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<212> PRT

<213> Homo sapiens

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Lys	Thr	Tyr	Gly	Lys	Gln	Tyr	Lys	Glu	Lys	Asn	Glu	Glu	Ala	Val	Arg
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Asn	Lys	Gly	Cys	Asn	Gly	Gly	Phe	Met	Thr	Thr	Ala	Phe	Gln	Tyr	Ile
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Asn	Lys	Gly	Cys	Asn	Gly	Gly	Phe	Met	Thr	Thr	Ala	Phe	Gln	Tyr	Ile
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Tyr	Ser	Phe	Phe	Leu	Tyr	Arg	Ser	Gly	Val	Tyr	Tyr	Glu	Pro	Ser	Cys
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<212> PRT

<213> Mus musculus

<400> 6

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Ile	Trp	Glu	Lys	Asn	Leu	Lys	Phe	Ile	Met	Ile	His	Asn	Leu	Glu	Tyr
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Arg	Gln	Ser	Pro	Lys	Thr	Val	Thr	Phe	Arg	Ser	Tyr	Ser	Asn	Arg	Thr
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Ser	Ala	Gln	Asn	Leu	Val	Asp	Cys	Ser	Asn	Glu	Glu	Lys	Tyr	Gly	Asn
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Lys	Gly	Cys	Gly	Gly	Gly	Tyr	Met	Thr	Glu	Ala	Phe	Gln	Tyr	Ile	Ile
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Asp	Asn	Gly	Gly	Ile	Glu	Ala	Asp	Ala	Ser	Tyr	Pro	Tyr	Lys	Ala	Met
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	210					215				220					
Arg	Tyr	Ile	Gln	Leu	Pro	Phe	Gly	Asp	Glu	Asp	Ala	Leu	Lys	Glu	Ala
225				230						235					240
Val	Ala	Thr	Lys	Gly	Pro	Val	Ser	Val	Gly	Ile	Asp	Ala	Ser	His	Ser
			245						250					255	
Ser	Phe	Phe	Phe	Tyr	Lys	Ser	Gly	Val	Tyr	Asp	Asp	Pro	Ser	Cys	Thr
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<212> PRT

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Trp	Glu	Lys	Asn	Leu	Lys	Phe	Val	Met	Leu	His	Asn	Leu	Glu	His	Ser
	50				55					60					
Met	Gly	Met	His	Ser	Tyr	Asp	Leu	Gly	Met	Asn	His	Leu	Gly	Asp	Met
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Thr	Ser	Glu	Glu	Val	Met	Ser	Leu	Met	Ser	Ser	Leu	Arg	Val	Pro	Ser
			85					90					95		
Gln	Trp	Gln	Arg	Asn	Ile	Thr	Tyr	Lys	Ser	Asn	Asn	Gln	Leu	Pro	Asp
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Ser	Val	Asp	Trp	Arg	Glu	Lys	Gly	Cys	Val	Thr	Glu	Val	Lys	Tyr	Gln
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 195 200 205
 Asp Ser Lys Tyr Arg Ala Ala Thr Cys Ser Lys Tyr Thr Glu Leu Pro
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 Tyr Gly Arg Glu Asp Val Leu Lys Glu Ala Val Ala Asn Lys Gly Pro
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 245 250 255
 Ser Gly Val Tyr Tyr Glu Pro Ser Cys Thr Gln Asn Val Asn His Gly
 260 265 270
 Val Leu Val Val Gly Tyr Gly Leu Asn Gly Lys Glu Tyr Trp Leu Val
 275 280 285
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 305 310 315 320
 Glu Ile

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